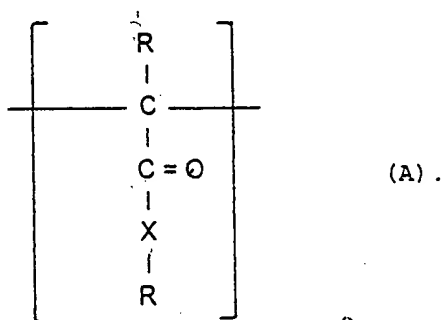


## CLAIMS

1. A process for separating a substance, which is bonded to a polymer surface via a linker, from said surface, the polymer surface comprising carbonyl groups and the linker having at least one functional group capable of forming a hydrogen bond, characterized in that the bond between the linker and the surface is separated by adding a polar organic solvent.

2. The process according to claim 1, wherein the solvent is used in the form of an aqueous solution in a concentration of not more than 70% by volume.

3. The process according to claim 1, wherein the polymer surface comprises at least one structural element having the formula



wherein

X is  $\text{CH}_2$ , O or NR, and

each R group is independently a hydrogen, alkyl, aryl, or heteroaryl.

4. The process according to claim 3, wherein the solvent is used in the form of an aqueous solution in a concentration of not more than 70% by volume.

5. The process according to claim 3, wherein the solvent comprises a polar carbon-oxygen bond.

6. The process according to claim 5, wherein the solvent is used in the form of an aqueous solution in a concentration of not more than 70% by volume.

7. The process of claim 5, wherein the solvent is selected from the group consisting of alkanols and esters.

8. The process according to claim 7, wherein the solvent is used in the form of an aqueous solution in a concentration of not more than 70% by volume.

9. The process of claim 7, wherein the solvent is methanol.

10. The process according to claim 9, wherein the solvent is used in the form of an aqueous solution in a concentration of not more than 70% by volume.

11. The process according to claim 1, wherein the solvent comprises a polar carbon-oxygen bond.

12. The process according to claim 11, wherein the solvent is used in the form of an aqueous solution in a concentration of not more than 70% by volume.

13. The process according to claim 1, wherein the solvent is selected from the group consisting of alkanols and esters.

14. The process according to claim 13, wherein the solvent is used in the form of an aqueous solution in a concentration of not more than 70% by volume.

15. The process according to claim 1, wherein the solvent is methanol.

